

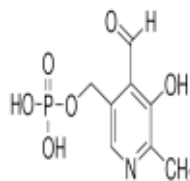
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Product Specification

Product Name:
Pyridoxal 5'-phosphate hydrate - ≥98%

Product Number: P9255
CAS Number: 853645-22-4
MDL: MFCD00006333
Formula: C₈H₁₀NO₆P · xH₂O
Formula Weight: 247.14 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	Off-White to Yellow to Beige
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Green-Yellow
Solubility (Turbidity)	Clear
50 mg/ml, 1M HCl	
Proton NMR spectrum	Conforms to Structure
Water	6.0 - 9.0 %
UV/Vis absorbance	4.99 - 5.19
Lambda max 388-389 nm in pH 7.0	
Wavelength	388 - 389 nm
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
3 Years	

Specification: PRD.4.ZQ5.10000018537

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

